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                                                   495
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 Ser His Thr Val His Tyr Tyr Trp Arg Lys Phe Asp Asn Ala Phe Met
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                                              510
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                                          525
                                                               530
                                                                     1991
 ccg aca gac cca gtt ggt gga aat ttg caa tgatggagat acagattgca
Pro Thr Asp Pro Val Gly Gly Asn Leu Gln
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                                      540
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	Ile	e Cys	s Ala	a Cys	s Ile	e Val	. Il	e Gly	/ His	s Le	ı Leı	ı Glu	ı Glu	ı Ası	n Ar	g Trp
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	Ile	: Ile	e Lei	ı Let	ıle	Ser	Gly	y Gly	Lys	s Asr	n Ser	His	; Ile	e Lei	ı Val	l Phe
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	Ser	Glu	ı Asp	Leu	Phe	Phe	Ile	e Tyr	Let	Let	ı Pro	Pro	Ile	: Ile	Phe	asn
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	0 -		115					120					125			
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- ~		Wa l	Cvc	Mb ∞	T 0	150	**- 1	-	_		155	_				160
 	Der	Val	Cys	1111	165	GIN	vaı	Leu	Asn			Glu	Thr	Pro		Leu
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e F	Tyr	Ser	Leu	Val	Phe	Glv	Glu	Glv	Val	Val	Acn	Asp	ת א		Co	Val
, <u> </u>	-			180		1		017	185	vai	non	Asp	Ата	190	ser	vai
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Ι	Leu	Ser	Gly	Ile	Leu	Thr	Val	Phe	Phe	Cys	Gly	Ile	Val	Met	Ser	His
_	D====	m1-	275	•				280					285			
.1	yr	Thr	Trp	His	Asn			Glu	Ser	Ser	Arg	Val	Thr	Thr	Lys	His
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Thr Phe Ala Thr Leu Ser Phe Ile Ala Glu Ile Phe Ile Phe Leu Tyr Val Gly Met Asp Ala Leu Asp Ile Glu Lys Trp Lys Phe Val Ser Asp Ser Pro Gly Thr Ser Ile Lys Val Ser Ser Ile Leu Leu Gly Leu Val Leu Val Gly Arg Gly Ala Phe Val Phe Pro Leu Ser Phe Leu Ser Asn Leu Thr Lys Lys Asn Pro Glu Asp Lys Ile Ser Phe Asn Gln Gln Val Thr Ile Trp Trp Ala Gly Leu Met Arg Gly Ala Val Ser Met Ala Leu 🖆 Ala Tyr Asn Gln Phe Thr Arg Gly Gly His Thr Gln Leu Arg Ala Asn [Ala Ile Met Ile Thr Ser Thr Ile Thr Val Val Leu Phe Ser Thr Val **i** 🚣 Wal Phe Gly Leu Met Thr Lys Pro Leu Ile Leu Leu Leu Pro Ser Gln Lys His Leu Ile Arg Met Ile Ser Ser Glu Pro Met Thr Pro Lys Ser Phe Ile Val Pro Leu Leu Asp Ser Thr Gln Asp Ser Glu Ala Asp **[]465** Leu Gly Arg His Val Pro Arg Pro His Ser Leu Arg Met Leu Leu Ser Thr Pro Ser His Thr Val His Tyr Tyr Trp Arg Lys Phe Asp Asn Ala Phe Met Arg Pro Val Phe Gly Gly Arg Gly Phe Val Pro Phe Val Pro Gly Ser Pro Thr Glu Pro Val Glu Pro Thr Glu Pro Arg Pro Ala Glu Ser Arg Pro Thr Glu Pro Thr Asp Glu <210>

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[]gaa		_			•	_									_	413
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19 14											1			5		
att	aaq	cta	aca	qca	aqt	qaa	act	qac	aat	tta	taa	agc	tct	gat	cac	461
⊬ WIle																
14	_		10					15			-	20		-		
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<213>

DNA

Torenia hybrida

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	Gly	Ala	Val	Gly	Thr	Leu	Ile	Ser	Phe	Ile	Ile	Ile	Ser	Leu	Gly	Thr	
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•													Thr				
ļ±	215				220						225					230	
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📮 Ala	Phe	Val	Phe	Pro	Leu	Ser	Phe	Leu	Ser	Asn	Leu	Ala	Lys	Lys	Ser	
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Gly																
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	Gly											_				
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                                                       500
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 Met Leu Leu Thr Lys Pro Thr His Thr Val His Tyr Tyr Trp Arg Lys
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                              510
                                                   515
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Glu Glu Thr Lys Gln
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PRT
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 Thr Leu Leu Cys Thr Cys Ile Val Ile Gly His Leu Leu Glu Glu Asn
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                               40
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e e

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V	al	Phe	Ser	Glu	Asp	Leu	Phe	Phe	Ile	Tyr	Ala	Leu	Pro	Pro	Ile	Ile
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P	he	Asn	Ala	Gly	Phe	Gln	Val	Lys	Lys	Lys	Ser	Phe	Phe	Arg	Asn	Phe
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Ų					165			_		170					175	
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Ų 			_	180	_				185					190		
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]_	1	21-	195		51	~ 1	_	200		_	_,	_,	205	_	1	
IJ	nr		гÀг	Ala	Pne	GIu		val	GLY	Asn	Phe		Tyr	Leu	Phe	Ala
£	h ~	210	Ωb ∞	77.0.1	T 0	G3	215	T	m1	01	T	220	0	.1.		-1 -
≟ ≟ 2		ser	TIIL	Val	reu	230	Val	Leu	THE	GIÀ	235	Leu	ser	Ата	Tyr	240
		T.v.c	Luc	Leu	መ፣፣		C1.,	7~~	uic	Sor		7.00	7 ~~	C1.,	170 l	
_	T.C	пуз	пуз	Leu	245	FIIE	GIY	Arg	птэ	250	TIII	ASP	ALG	GIU	255	Ата
					243					230					233	
Ι	le	Met.	Tle	Leu	Met	Ala	Tur	ī.eu	Ser	Tur	Met	T.A11	Δla	Glu	T.A11	Dho
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н	is	Tvr		Trp	His	Asn	Val		Glu	Asn	Ser	Ara		Thr	Thr	T.vs
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<223> Nucleotide sequence of promoter region of gene encoding for protein regulating the pH of vacuoles

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